## CA-06P1N8AT0DN - Cable connector

1619340

https://www.phoenixcontact.com/us/products/1619340

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without Exemption 6c (Pb < 0.1 %) item no.: 1243461

M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II

#### Your advantages

- · Angled cable outlet for confined spaces
- · Can be adapted to various applications, thanks to adjustable cable outlet direction
- · Safe use in the field, thanks to high degree of protection
- · Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- · Crimping connection: vibration- and temperature-resistant assembly

#### Commercial data

Item number	1619340
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEC
Catalog page	Page 92 (C-2-2019)
GTIN	4046356825047
Weight per piece (including packing)	193 g
Weight per piece (excluding packing)	193 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

General

Product type

Insulating body Note

Connector

Notes

# Order crimp contacts 6 x Ø 2 mm separately Product properties Circular connector (cable-side) Order information: Order crimp contacts 6 x Ø 2 mm separately N

Coding	Ν
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter Signal contacts	2 mm
Litz wire cross-section Signal contacts min.	1 mm <sup>2</sup>
Litz wire cross-section Signal contacts max.	2.5 mm <sup>2</sup>
Nominal current per signal contact	20 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	3 mm 14.5 mm
Seal material	NBR

#### Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C 125 °C
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Ambient temperature (storage/transport)	15 °C 25 °C
Permissible humidity (storage/transport)	50 % 65 %

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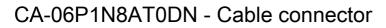
## Classifications

#### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

#### ETIM

	ETIM 9.0	EC002635
UNSPSC		
	UNSPSC 21.0	39121400



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### Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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